



Cotton/Soybean Insect Newsletter

Volume 6, Issue #17

Edisto Research & Education Center in Blackville, SC

12 September 2011

Edisto Fall Field Day for Cotton and Soybean

On 4 October, we will have an afternoon field day for cotton and soybeans here at Edisto REC.

- Registration will begin at 4:00 PM
- A tour highlighting soybean and cotton work at the station will be featured at 4:30 PM
- We will have dinner at 6:30 PM

TOUR STOPS: Hosted by Jeremy Greene, David Gunter, and Will Henderson

- Cotton Official Variety Tests – Chris Ray
- Soybean Official Variety Tests – Chris Ray and David Gunter
- Weed Management in Row Crops – Mike Marshall, Jacob Stokes & David Gunter
- Planting Dates for Soybeans – Pawel Wiatrak
- Sensor-Based Irrigation in Cotton – Ahmad Khalilian
- New Cultivars from Clemson – Emerson Shipe
- Cotton and Soybean Insect Management – Jeremy Greene
- Twin-Row Cotton and Soybeans – William Henderson

DISPLAYS AT THE REGISTRATION AREA:

- Management of Soybean Nematodes with Combinations of Nematicides and Resistant Cultivars – Jonathan Croft, John Mueller, Joe Varn

DINNER PROGRAM:

- Welcome: John Mueller: Director, Edisto REC
- Remarks: Steven Meadows, Director, Clemson University Cooperative Extension Service; Larry McKenzie, South Carolina Farm Bureau; Hugh Weathers, Commissioner, South Carolina Department of Agriculture
- Invited Speaker: Mark Boudreau, University of Georgia, Athens: “Climate Outlook and Resources for South Carolina”

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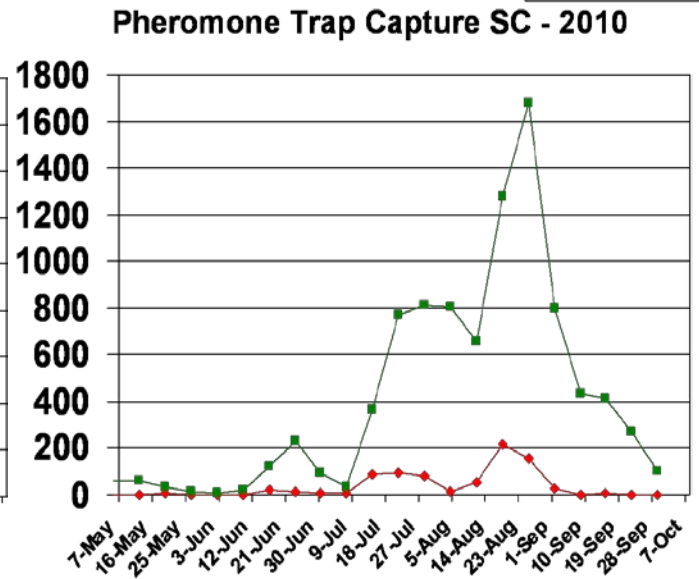
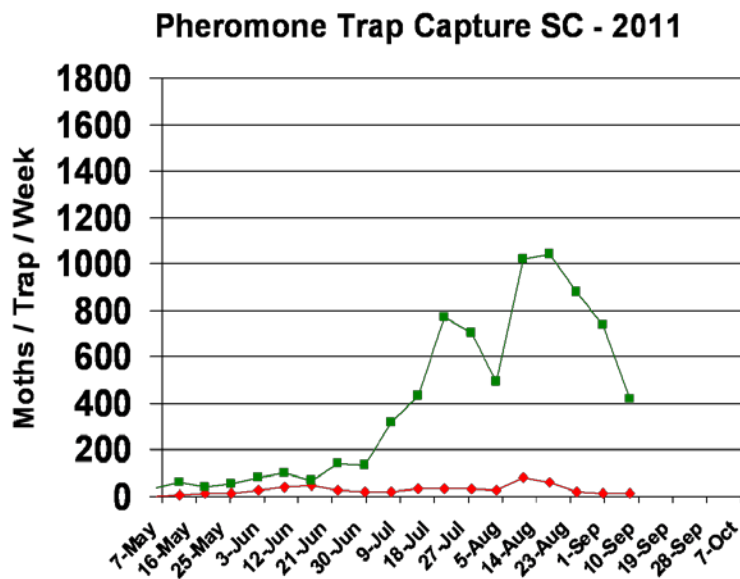


Bollworm & Tobacco Budworm



Captures of bollworm (BW) and tobacco budworm (TBW) moths in pheromone traps at EREC last season and this season are shown below. Trends remain similar, although numbers last year were astronomical near the end of August. Damage in our non-Bt plots was high this season. Tobacco budworm continues to be important for our soybean acres and for a limited number of non-Bt-cotton acres. I provide these

data as a measure of moth activity in our local area where I use these data as an indication of moth presence and activity near my research plots. The numbers are not necessarily representative of the species throughout the state.



Soybean Situation

As of 12 September 2011, the USDA NASS South Carolina Statistical Office had our progress at 97% of soybeans as bloomed, close to where we were last year and the 5-yr average of 99%. About 88% of pods have been set, compared with 89% for last year and 90% for the 5-yr average. About 3% of soybeans have turned color, compared with 7% for last year and 9% for the 5-yr average. Conditions for soybeans were reported as 8% very poor, 17% poor, 43% fair, 30% good and 2% excellent. These are observed/perceived state-wide averages.

Kudzu Bug/Bean Plataspid

The kudzu bug (a.k.a. bean plataspid), *Megacopta cribraria*, IS PRESENT IN EVERY COUNTY IN SC. We confirmed the last county during mid-July of this year. It continues to spread in the Southeast. ***It has been***

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found on kudzu, wisteria, lima beans, soybeans and other leguminous hosts. Please email me with reports in all counties not reporting them in soybeans previously – see map below. We only have **3 counties** remaining from which the species has not been reported in soybeans: McCormick, Fairfield, and Georgetown. Bob Bett found them in Horry County recently.



Eggs



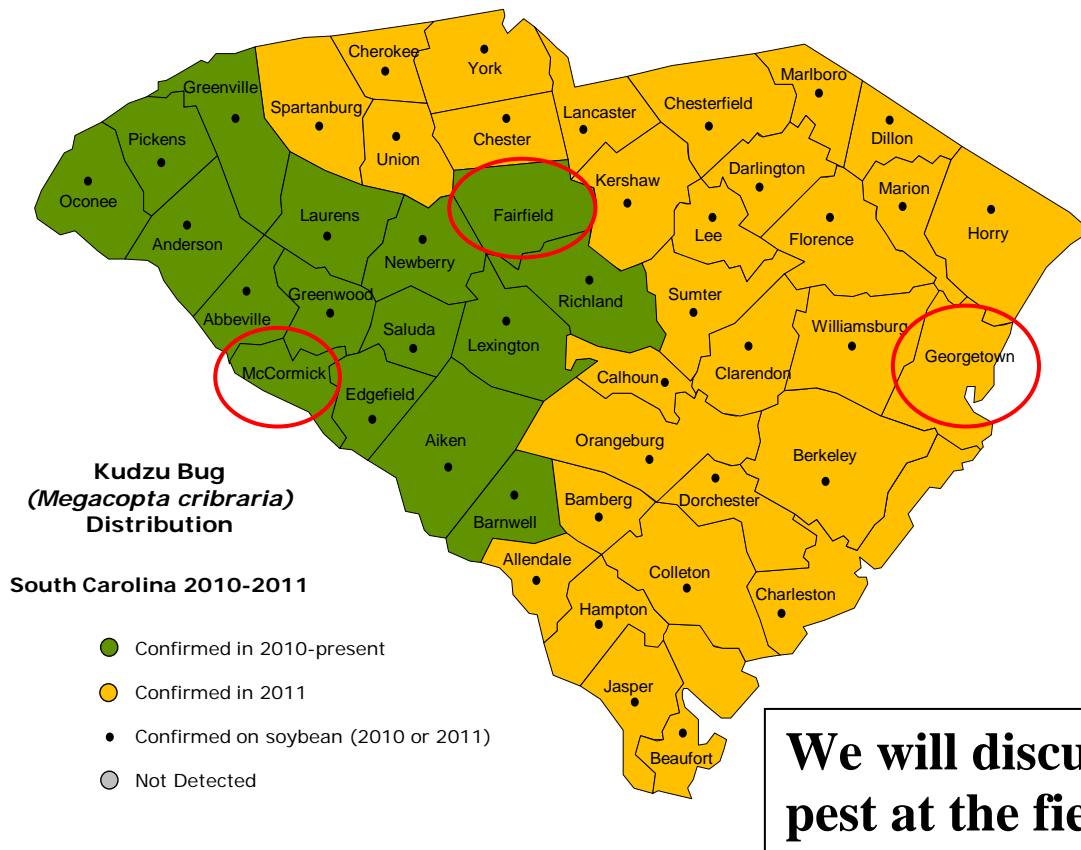
Nymphs



Adults



The latest known distribution of the kudzu bug in SC is represented below. We are documenting its presence on soybeans (counties with dots below). Some were observed in soybeans last year, and many more have been observed in the crop this season. A map of the infested portions of the southeastern USA is also shown.



We will discuss this pest at the field day!

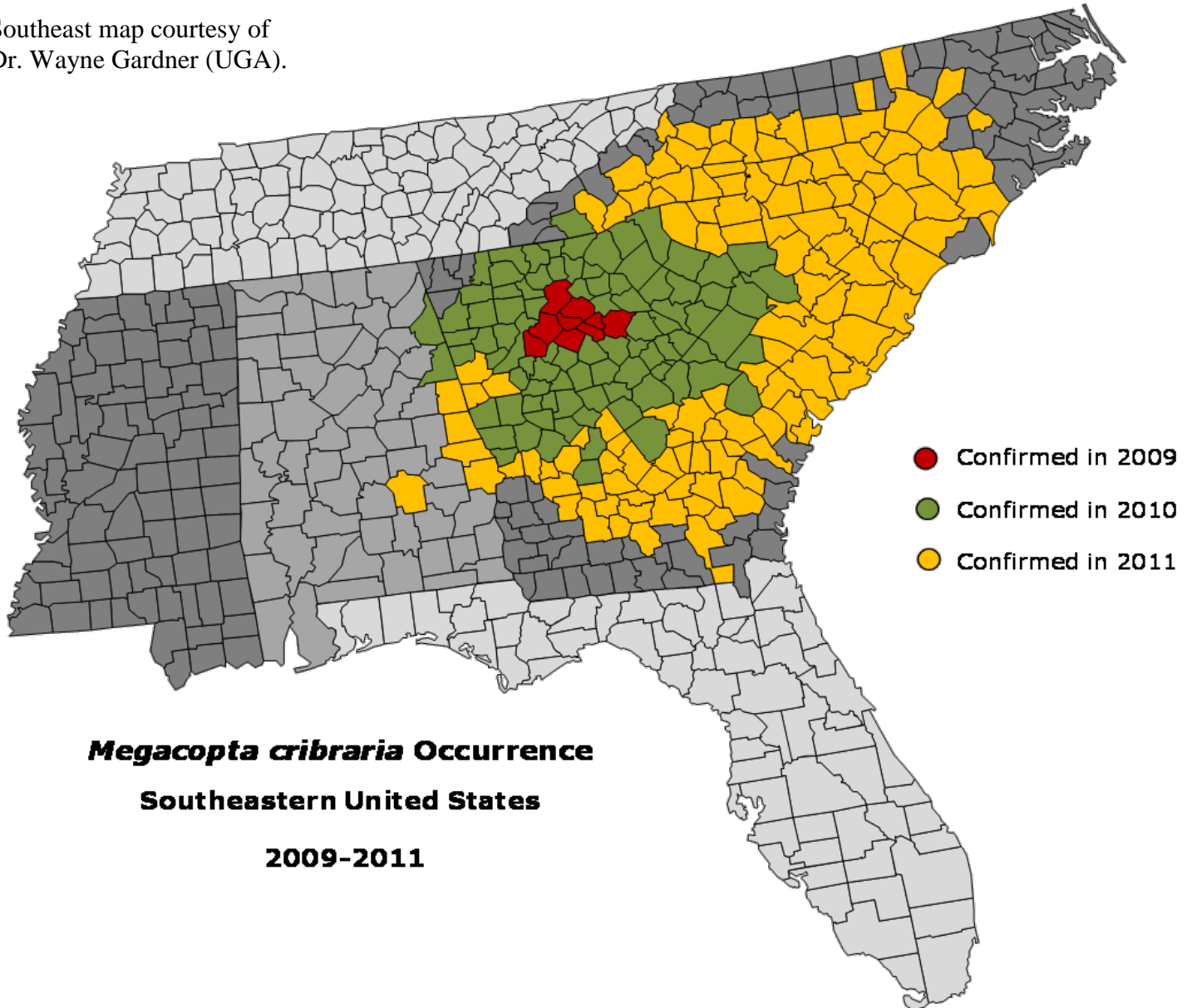
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Southeast map courtesy of
Dr. Wayne Gardner (UGA).



***Megacopta cribraria* Occurrence**
Southeastern United States
2009-2011

Soybean Insect Control Guide

Clemson University Publication SL1 (Soybean Insect Management) has been revised for 2011 and is available free from your local county office. It is also available online at:

<http://www.clemson.edu/psapublishing/pages/AGRO/SL1.PDF>

Pest Management Handbook - 2011

Insect control recommendations are also available online in the 2011 Pest Management Handbook at:

<http://www.clemson.edu/extension/rowcrops/pest/index.html>

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Need More Information?

Log on to the following web pages to view important cotton management recommendations, data, and historical cotton/soybean insect newsletters:

For more cotton and soybean information:

<http://www.clemson.edu/public/rec/edisto/research/index.html>

For past newsletters:

http://www.clemson.edu/extension/rowcrops/cotton/pest_management/newsletters/index.html

Sincerely,

Jeremy K. Greene, Ph.D.

Associate Professor – Entomologist



Visit our website at:

<http://www.clemson.edu>

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